

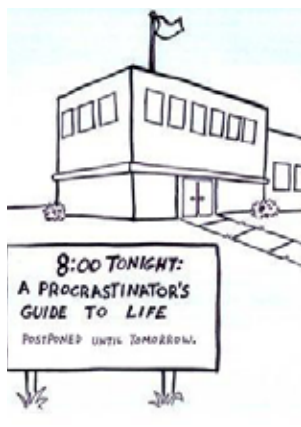
STUDENT VOICE

What is it that has been making our fests, Moksha in particular, go bland, even when it is all poised to be the best college festival ever? Read about the denuding reputation of our fests in the opinion article. **PAGE 2**



INDULGE

What is it that we join a college society for? Is it because we have interest in that particular activity or is it because merely for CV enhancement? Read the mind of a procrastinator. **PAGE 6**



KNOW THY IDOL

Have a look at the list of top graduation schools our seniors have garnered admissions in, for Masters in management, sciences and technology, both, in India and abroad. **PAGE 8**



THE ALLIANCE

BRINGING NSIT TOGETHER

Vol. 9 | June 2013 | www.alliancensit.com

NSIT Diaries

Yet another batch passes out carrying memories with it and leaving its imprints behind. This was a cohort of the Eccentrics, the Esoterics, the All-rounders, the Wanderers, the Know-it-alls, the Go-getters, the Perfectionists. Alliance brings to you a leaf out of the diaries of a fresh graduate, a 10-years old NSITian and NSIT itself.

*I have nurtured you, fed you, taught you
To fly, soar high in the success sky
Now that you have learnt, it's time for you
To soar, the sky is yours to fly*

The summers are upon us, with rains trying to wash down the agony of the sun. Harsh winds blow through my veins as I bid adieu to my offspring. They called me their second abode, a home away from home. Amidst those tears, smiles, farewells, spasms of nostalgia, fits of uncontrollable laughter and the memories of singing old Hindi songs in a cacophonous chorus, there is hope that these days will be relived at a reunion months or

years later and a silent promise that their friendship will last forever.

I have already started with my anticipations that they would set their feet here once again and come back for me. A glance at the campus reminds them of the day they fell in love with it at the very first look, they remember the hidden places, only known to them and me, where they spent their times of blues, love, and happiness.

My heart danced to their music as they jammed for hours together; my heart felt elated upon looking at their happy faces

when they had late night cake fights that turned to crusades of perpetual punching and kicking in the name of the birthday bumps; I was happy when the two of them met for the first time; a part of my heart guffawed as they fleeced the geeky ghissu out of his money to have a sumptuous lunch, while the other part went out to the poor kid who got fleeced, but kept assuring himself that they are his friends after all. It was here that they lived their lives, the first days of youth and the last steps of childhood. It was here I saw them grow, explore, experiment, take a fall and get up on their own.

Bidding farewell to them feels as if a part of my being is drifting apart. Time has conspired to snatch away a part of my existence yet again, as it does year after year, when a batch has to leave me for good. Fate, however, can never be questioned, and even when both sides know that this was bound to happen, they drag their feet away from where they belong, only to embrace the outer world that's waiting for them to make a mark on it, while they leave their footprints for younger ones to follow.

In grievance, from NSIT

Year 4. Yaad aayenge ye pal

The final year has finally arrived, each day some succeed while others live on to fight another battle and as days go by they leave in their wake a legion of emotions; bliss, contentment, disappointment. While some put their heart and soul into placements, others eagerly await their CAT percentiles and GATE scores. After placements, the year passes in a breeze till it is farewell time. The nostalgia hits you hard, perhaps the best 4 years of your life have just come to an end but the rest of your life beckons and well, you follow.



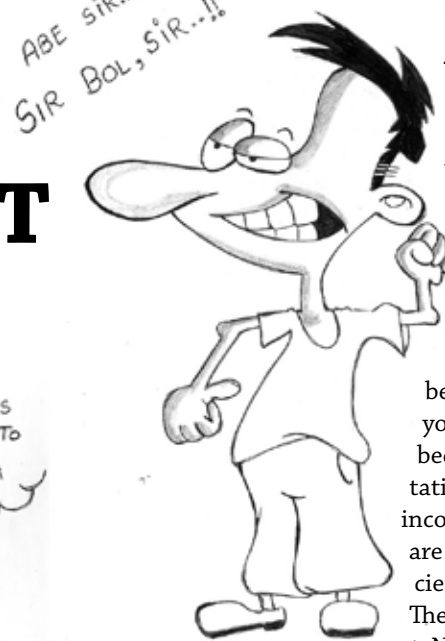
Year 3. Subah ho gayi maamu

Over the 5th semester, apprehensions regarding the impending placements set in, followed by tons of decisions, brooding and procrastination. As the 6th semester sets in, the demanding courses, ace teachers, internship training applications, reports and the placements coming closer put you on the sword's edge.



Year 1. Jab main chota fuchha tha...

The first semester is a melting pot of emotions: elation at finally finding a place in NSIT, dejection at not being able to make it to IIT, smugness at finally being out of the school regimen, nostalgia at leaving school and uncertainty about the life ahead. The second semester kicks off with 'fuchhas' having more maturity and purpose. However, as if with a pre-plan of damping your newly effervescent mindset, the syllabus becomes tougher, sleep becomes a never leaving companion and complacency an indulgent crime. But this is just the first year, you have three more to set yourself straight, and with this, you sign off from your freshman year at NSIT.



Year 2. Masti ki paathshaala

Indecisiveness turns to clarity, reluctance to confidence, and juvenility to experience.

The second year teaches you to be comfortable in your own skin. You become the authoritative seniors to the incoming fuchhas and are bestowed with society responsibilities. The ultimate vella year at NSIT, here you can hibernate day and night

in hostels and answer 'Bahut busy hoon yaar' to anyone who dares call you for any work. This year is a kaleidoscope of a multitude of emotions with friends turning into life-long friends. Bidding adieu to this fun filled year is difficult but NSIT still has a lot more to offer.



4 Years at NSIT

Adios NSIT

*There will always be a place
Where I can go back to
It's the place where I belong,
The place where I wrote this song.*

Four years ago, as I felt the gentle breeze blowing through my hair, I took the first steps into the college gates, the first steps into a new life. The days of studying hard were all but over and college days were envisaged as grazing grounds for new relationships, gossip, fashion, and most importantly making those few friends who will stay with me for a lifetime.

Time flows by so quickly. It was just the other day when I would barge into the hostel room of that great senior and ask for help. NSIT gave me so much time and allowed me to explore and experiment as much as I wanted. The inquisitiveness to know everything just reached its pinnacle at this diverse cultured institution and academics were the least of the problems. It was here that I encountered a life beyond books and professors. Studies took a back seat but none of us stopped learning, it was only the sources that changed. We realized that the best ideas in us didn't come at the study table, but during incessant discussions in the campus lawns or the 2 am hostel discussions.

It was during these discussions, that friendship earned a different meaning. Friends became family, those we could confide in, those who knew us inside out, those who loved us just for being ourselves, for whom no veils existed and who could cross great limits for us. While going for the welding and foundry classes together and making the worst welds, we seldom realized the strong bonds of friendship we had welded for ourselves. And amidst all of these activities, noticed or unnoticed, we continued growing and learning.

By the third year, we, the spoilt brats, started to be serious about studies and found ourselves in a great mess. It was time to set things right, time to hit the books and

prepare to make ourselves good on paper. Well, it worked, at least satisfactorily!

The years scrolled by and a sudden realization dawned on us that this life of fun, joy and unrestricted freedom was finally coming to an end. By the end of these four years one understands that the essence of college life lay not in the brand name NSIT but in the numerous sips of coffee at Just Cafeteria, the samosa at Nesci, the Maggi of Mic Mac, even in the random gossips with the juice waale Khan bhaiya. It lay in the first bunk and the first proxy, the first kiss and the first night out. Defying the rules or breaking the glass had simply become a habit. One surely does realize that once out of college one doesn't have the liberty to do



a whole lot of things but the experiments done in college surely teach a number of lessons – lessons learnt for a lifetime.

Ten years down the line, I see myself reminiscing about my college and I know that I will always be a part of this wonderful college, as they say, once an NSITian, always an NSITian. We have lived and conquered, seen a thousand suns fighting through a million nights and now that we move out, I just have this to say to my friends,
Make it large, large enough for the world to see, loud enough for the world to hear.

The departing NSITian

A decade later... Back to the homeground

*However far I may go,
Even after scores of years pass by.
I have this place to call my own,
Where a part of me still lives by.*

I had left the college days behind and embraced a new life, a life of deadlines, meetings and new experiences. Now that I come back, a decade after I left, it all comes back in a flash of memories- the canteen's 'kiski-treat-hogi?' fights, the late hostel nights, the 'one-night-before-exam' frights, all of it. It's amazing how life moulds itself and moves on with time. I could have sworn a decade

be meeting after a decade), but also to see how NSIT had transformed in the decade that had passed. Admin was by default, the first bit of college architecture we saw on our arrival. A few blocks had been added here and there owing to the new branches that had been added, someone told us. However, the central fountain was still very much there - in the centre and not running. The library, I heard had air conditioning now and a much wider range of books to offer. This I took to be true with no intention to verify it personally. After the initial 'hi' and 'hello' and a certain eccentricity on meeting these transformed people who were once my close friends, we made our round trip to our favorite haunts. Those trees around the sports area had not aged a day. Several new buildings had cropped up, but that road was the same, full of leaves to squelch away.

Amazing how alienated you feel when you find your cherished memories all transformed. The associativity with the college had suddenly disappeared. I felt locked in my own house, I recognized the lines made in the walls, but the furniture was all different. Just as we were contemplating the changes around us and how NSIT was no more the same, two students crossed us, one telling the other, 'Ghissu kahinka, mid-sem se pandra(15) din pehle se padhta kaun hai? Maine toh abhi books bhi nahi khareedi!' This was probably the moment we were yearning for. We all looked at each other and cracked up, someone called me ghissu and it felt okay this time! I had finally come home. I knew one thing that day, be it a year or a decade or more, NSIT may change, but NSITians will always be the same!

A nostalgic NSITian



My time at NSIT has been really transformational for me. It made me more mature and open about certain things. Here, meeting different people with different backgrounds and skill sets forced me to really think and evaluate my opinions about life. I also learnt a lot from people across various branches. There were all sorts of people and college taught me how to deal with them.

At NSIT, we have time, empowering us to have a meaningful ambition and existence, to do things with passion. Our four years at NSIT are well justified if on graduating we are aware of our dreams and our ambitions.

On a lighter note, I believe that college is not just about career but also an important part of our life; so hard work and fun are equally important. Needless to say, I made some really amazing friends here and had a lot of adventures or misadventures as one may choose to call them.

- Harshit Bansal, Batch of 2013



The four years at NSIT gave me an opportunity to fill a void of sorts by doing whatever interested me. There was hardly any academic pressure, so I did as I pleased. The best part was meeting and working with new people – not only from the same batch, but seniors as well as juniors. I hardly learnt anything that was in the course, but the people I met taught me a lot, and it is because of these people that I have come to love the time I spent at NSIT.

- Arnav Chawla, Batch of 2013



The knowledge, the experience, the friendships earned in this college; all are too priceless to be penned down in a few lines. Still to sum up my four years:

The wait, the excitement, to be a part of something big
To learn something new, to start life's another gig
Though I am going to leave it and enter something new
But the happiness is scattered like the morning dew
The building, the college is all a part of the past
Trust me, the last four years, were totally a blast

- Mudit Sadana, Batch of 2013

And thus walks the man, bidding adieu to his hat which the wind has blown away from his scarred head for someone else to pick and continue the legacy...

Cover Story Team: Akansha Dewaker, Chandan Kar, Deepshikha Acharya, Shrey Bansawal, Sonali Garg.



The ebbing festive fervor

ANONYA CHATTERJEE

An amalgam of inquisitiveness, a concoction of ideas, the intermittent bottlenecks along the way, the frivolous fights, the ambivalence of the stakeholders and alas! Here we have the most extravagant and enchanting period of the year - the techno-managerial and cultural fests. Fahrenite, Rouge, and Mudra, creating an ambience of ecstasy and frolic; the spectacular Laser Show providing a visual delight to the masses. The conclusive night, urging everyone to put on their dancing shoes marks the end of another glorious fest in the chapter of NSIT. And then, accolades galore, the pragmatists must gear up to the post-fest extolling and lampooning. The lax administration is subjected to incessant criticism. Amidst the intense deliberations, one needs to understand where NSIT stands within the entire spectrum as far as fests are concerned and also unravel the qualitative aspects of our fests down the years. Has the quality of fests ossified over the years?

The imperativeness of fests

The ulterior motive of an educational institution is to provide opportunities to students to hone their skills, besides imparting education. Technical fests are actuators to delve into technological innovation. The very essence of a fest is to imbibe organizational and managerial skills into youngsters and to mould their overall personality. Owing to the rigid social culture of NSIT, with segregated hostels for all four years of undergraduate students, and a major percentage of students being day scholars, the state of the senior-junior nexus is abysmal. In such a set-up, fests are of utmost importance in establishing a reciprocating relationship. Fests are a means of striking up cordial relations with fellow colleges and are meant to simply leave an ‘imprint’ in the collegiate domain. Procuring sponsorships, signing Memorandums Of Understanding aid in developing a healthy collaboration with the corporate sector. One also gains experience in the art of coaxing the intelligence of the corporate world and a tinge of dealing professionally. The essence of fests thus, becomes pertinent.

A COMPARATIVE STUDY

Mouthpiece from Manipal University:

One needs to have atleast a 30 day benchmark to commence preparations for inter-college fests. To approach different bodies, the faculty responsible needs to be involved, even up to the topmost hierarchical tier, i.e., the Director. A detailed list of all the events needs to be prepared and evaluated on the basis of practicality as well as popularity. A budget of the actual cost that will be incurred is calculated, based on estimates from the previous year. The administration is very particular about where its money is being channelized. Arranging for sponsorships is the most arduous task. Sponsorships in our fests vary from 5 lacs to 10 lacs depending on the events and the expected footfall. Logistics is another impediment as it is dependent on third party resources, so one needs to ensure adequate buffer time. Hurdles are encountered in distribution of certificates and prize money too, and must not be neglected!

Scenario at IIT-Roorkee:

The online promotional activities are initiated three to four months prior to the fests, specifically targeting student partnerships with counterparts in colleges across India. The college administration supervises the formation and functioning of the organizing team and is instrumental in arranging necessary official approvals. The IIT ‘brand’ does play a pivotal role in gaining an edge over others, in terms of sponsors, alluring popular artists and felicitations through gift vouchers and accessories. The primary source of funding is through sponsorship, the contribution of the administration being minimal. The budget usually varies with the scale of the fest, starting from 50 thousand (for online fests) and going up to as high as 90 lacs for cultural and technical fests. But all this glitter does come along with the glitches - inherent procedural delays, resource management and publicity in colleges across India.

A la BITS- Pilani:

Every fest at Pilani is conceived purely by the students’ initiative. A number of departments like Art, Design and Publicity, Stage Controls are formulated and the heads of each of these departments together form the ‘core’ committee, whose meetings are convened a semester in

advance. The faculty is completely detached from these ‘trifles’. The Department of Sponsorship and Marketing endeavors to garner the proposed target budget. Liquid money to be used is sanctioned by the Institution, but as a loan, and the deficit is covered by the students. The only major restraint is finance. Being student-run, bureaucratic adjournments are minimal.

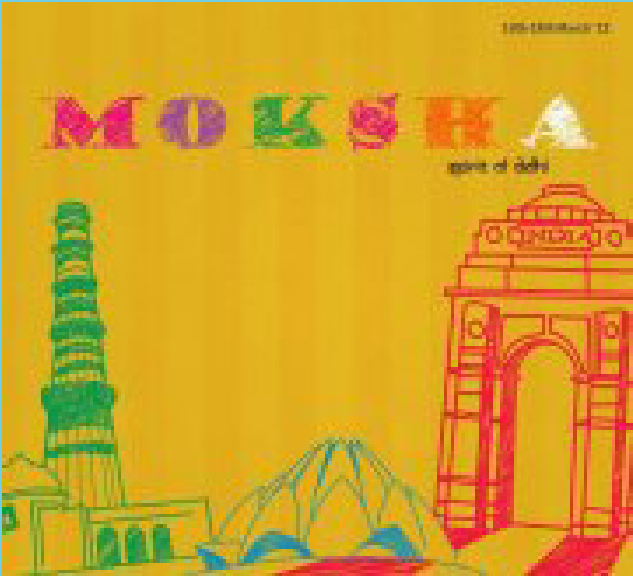
Straight from LSR:

No college in Delhi University makes a compromise when it comes to organizing its annual fest, so much so that the preparations for the same begin before the colleges actually re-open after their winter break. With huge expectations from the student fraternity and the monetary involvement at stake, organizers ensure that the fest is well-publicized, attended, and is appreciated by attendees. The sole involvement of the college authorities is pertaining to the provision of the budget, that is usually around 50 thousand (or at most 1 lac). The administration does not cast its shadow over the other areas of operation. Crowd management poses the main obstacle, since the crowd gathered is exorbitantly large and it takes several hours to settle the audience. Also, the stringent security checking at the entry points, leads to long queues, further escalating the problem in colleges with small campuses.

ALUMNI SPEAK

An integral member of the Moksha 2012 Team, voices a few veracities:

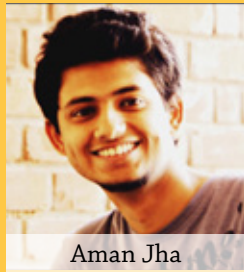
From my first year to the final year, I have cherished all the fests alike and this penchant and close association is due to the hard work that I had invested during all the four years. Dedicating nearly three full months, with the cumbersome administrative formalities de-



manding 40-50% of our efforts, tackling the admin staff was the biggest issue. During our time, we had two members who used to be continually involved in getting signatures on files from college officials, despite the fact that they were well-known to the admin people. Extracting money (students brought in through sponsorships) from the accounts department was a strenuous job. Another rampant feature which posed an obstruction was the bifurcation of the team on certain ‘communal’ grounds.

Presenting an unbiased view, I would say the quality of fests has certainly not tarnished. The organizing teams put in their best efforts but at times there are many factors that go against the odds - dearth of support from the admin, paucity of time, and the ordeal of multiple teams cropping up to grab the onus. I believe that if we can get the faculty fully involved then surely we can coordinate fests better than IIT Delhi’s Rendezvous.

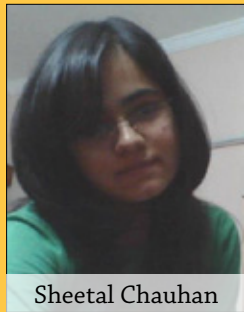
Aman Jha, from the batch of 2014:



“Fests make the campus look active and brimming with students. It is the time of the year that makes everyone elated, lets one delve into the varied facets of one’s personality and makes everyone feel united as a part of the NSIT fabric. Yet, I would opine that there have been events in the

previous years that have jeopardized the ethos of fests. At the same time, I believe that there is always scope to improve and learn from past mistakes. In the past, NSIT has pulled off a better show than many other Delhi University colleges, keeping in mind the time and budget constraints. At present, we might not be in a position to compare our fests to Rendezvous or the magnanimous Mood Indigo in terms of the efforts invested and the budgetary sanctions, however, such a comparison must not be a deterrent. By contemplating means of plugging the loopholes and constantly persevering, we can surely inch closer to being host to one of the best college fests in India.”

Sheetal Chauhan, from the batch of 2015, expresses her mixed feelings towards our fest:



“With the multitude of appreciation that the fests of IIT-Delhi, SRCC, AIIMS gauge, comparing NSIT’s cultural fests to them leaves me disappointed. While events like Star Night, Fashion Parade, and Mudra are commendable, the Rock Night definitely needs a boost.”

Prerita Tomar, Batch of 2016



“Resonanz’12 was the first fest I attended in NSIT. Having heard so much about the fests of DU, my expectations were indeed very high. The experience was a shocker for me. Nevertheless, in the second semester, we were assured that Moksha is the real fest to watch out for, and Moksha did not turn out to be that bad. Sunburn and the Rock Night were quite an event.”

A conscientious conclusion

Debacles and fiascos, appraisals and triumph are the two sacrosanct phenomena akin to two sides of the same coin. Instead of blaming the current system and others for the dereliction of their duties, the need of the hour is to ideate and ascertain means so as to channelize the available resources judiciously. A baffling fact is the massive expenditure incurred by the college, amounting to approximately 7 lacs, for Innovision 2013 that merely spanned over a day though, it is evident that the money was not well utilized for what it had been earmarked. Being a technical institution, more emphasis should be laid on striving towards a more competent and recognized technical fest through increased incentives and promising rewards to winners. The technical and cultural fests must be treated as two distinct entities and should not be clubbed together. Funds need to be allocated proportionately for both of them. New strategies must be embarked upon, abstracting ideas from the modus operandi of the aforesaid institutions that exemplify methodologies that lead to enhanced publicity, and an overall successful fest. This could be accomplished only by liberalizing the students’ committee through a mitigated administrative role that eventually triggers procedural delays.

NSIT has earned a name by sieving out the best minds of the country and its sought-after placement offers. Now it is the time to leave an impression through the unparalleled quality of its fests.

We would love to have your opinion on this issue. If you feel you have something else to say, drop us a mail at nsit.newspaper@nsitonline.in



SKELETON OF A CAR: THE CHASSIS

SIDHANT KHANNA

Take a car and strip it right to its knickers, remove everything right from doors, bonnet, seat to every electric component, engine and suspension what you get is the basic skeleton of a car, the chassis (pronounced as ‘shas-ee’) - the part of the automobile onto which everything is bolted and attached. If it wasn’t for chassis, the car would flop about and eventually either crash or fall apart. Let’s take a look at F1 cars, standard commercial cars and cars made by our college team; analyze their chassis and learn about this very fundamental part of the automotive industry.

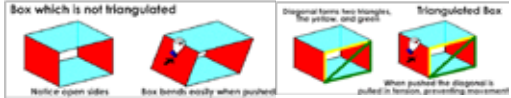
CHASSIS TYPES

1. SPACEFRAME

The spaceframe chassis is about as old as the motorsport scene. Its construction consists of steel or aluminum tubes placed in a triangulated format to support the loads from suspension, engine, driver and aerodynamics.



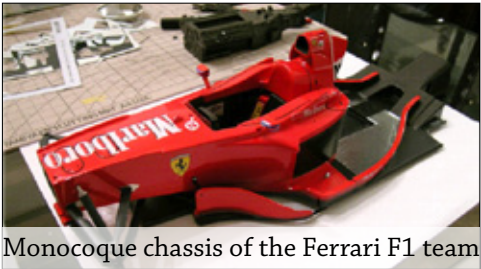
So how does triangulation work? The figure shows a box, with a top, bottom and two sides, but is missing the front and back. The box when pushed collapses easily because there is no support in the front or back.



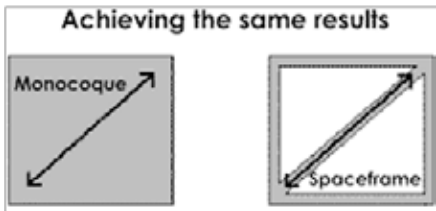
The triangulated box above imparts strength by stressing the green diagonal in Tension. Space frames are all about tubes held together in compression and tension using 3D pyramid-style structures, and diagonally braced tube boxes. A true spaceframe is capable of holding its shape, even if the joints between the tubes are hinged.

2. MONOCOQUE

The space frame chassis which was used in cars from the dominant Ferrari 500 of 1952 and 1953 to the Ferraris, Lotuses and BRMs of the early 1960s, surprisingly began to be considered as old technology by the top echelon of formula racing post the Second World War.



Monocoque is a French word meaning “single shell,” which refers to the process of making the entire body out of a single piece of material. In contrast to spaceframes, the monocoque chassis uses panels, just like the sides of the box pictured below. Instead of small tubes forming the shape of a box, an entire panel provides the strength for a given side.



SPACEFRAME vs. MONOCOQUE

There is one advantage of the spaceframe design - it is easier to repair than a monocoque design, as a piece of tubular frame can be cut out and replaced a lot quicker than having to remove a whole section of body and weld in a replacement in such a way as to retain its structural integrity and strength. But compared to spaceframe, a monocoque has significantly less weight, smoother handling and is much safer due to its integrated body type. Today the Monocoque chassis is universal among F1 cars along with near-universal presence in road cars.

WHAT IS A GOOD CHASSIS ?

Unless you’ve been living under a rock, you

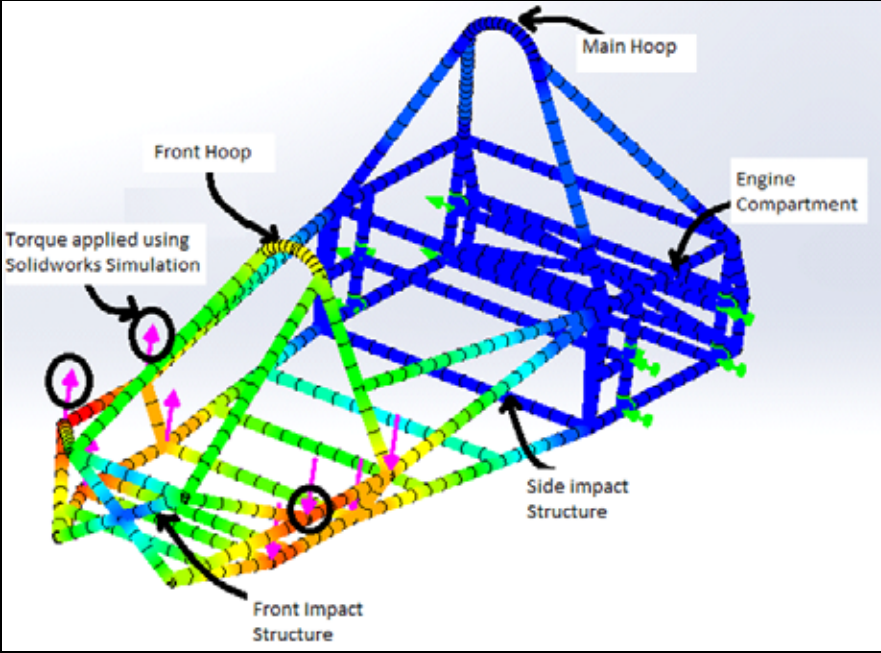
DECODING THE BHR CAR



LAYOUT	Rear engine, all-wheel drive
TYPE	Spaceframe chassis
MATERIAL	Mild steel
TRACK	36 inches
CLEARANCE	1.2 inches
WEIGHT	62 lbs

Our zeal to understand the making of a chassis took us to the much coveted garage of the BHR team (adjacent to Zayca cafeteria), where the petrolheads managed to find some time and discuss the ideation and theory behind their fascinating design. According to the regulations of ‘Formula SAE’, the competition for which the car is made, students have to build a Formula car on their own without the help of any professionals .They need to ideate and design the car from scratch - the chassis, suspension, steering column and everything else. The prime focus for the 2012 competition was weight reduction and hence they redesigned the complete chassis, at the same time ensuring that reliability and safety of the driver is not compromised.

The frame was designed using Solidworks CAD with due considerations of the suspension and engine mounting points. Mild steel was chosen for fabrication of the frame because of its low cost, easy availability, weldability, as well as the high retention of strength and ductility after welding .To test the designs and make decisions to improve quality, simulation tools in Solidworks were used to analyze the frame. With a lot of triangulation and TIG welding the joints, the team was able to obtain a torsional rigidity of 2500 lbs per degree while weighing just 62 lbs! The front and side impact structure of the cockpit (around driver’s legs) has plenty of triangulation to provide for adequate stiffness and safety to the driver in the event of impact. As safety of the car is paramount, the cockpit is a little claustrophobic, but can easily fit in a 6 ft 2 inches driver.



Frame analysis using Solidworks Simulation. With engine mounting points fixed, a torque is applied to the chassis. Notice the red areas, which are most likely to slack under stress.

Chassis designers of the team, Aarshay Jain and Rachit Goel say, “This year, we have tried to minimize weight and built a simple design with minimum links and joints. Due to the unavailability of an appropriate die, optimum bending of tubes couldn’t be attained and the main hoop ended up a little higher than we wanted. But there is always a difference between design we conceive and actual fabrication in the workshop, so a little deviation is acceptable “. Considering the budget delays and virtually zero guidance from professors, it is inspiring to see how team BHR managed to build such a nimble and well sorted design.

know that oil prices have been rising exponentially, and aren’t likely to come down. Cutting a car’s weight makes a lot of sense as when the engine will have less weight to haul around, it will use less energy. But shedding a car’s weight is not as easy as it sounds as they need to safe and durable. Let us evaluate the parameters of a good chassis and how they will improve a car’s performance:

• MINIMAL WEIGHT

Improving fuel economy during the next few years will come down to developing lightweight structures. It will require the use of Carbon fiber, which is a super strong material and is extremely lightweight as well. Engineers and designers love it because it is five times as strong as steel, two times as stiff and yet weighs about two-thirds less!

But if carbon fiber is so great, why isn’t its use widespread in cars? Current production of carbon fibers is slow and expensive. Also, carbon fiber can’t be melted down and it is not easy to recycle. As it stands now, carbon fiber can solve the oil crisis. It is lightweight, durable and safe. But it is also expensive and difficult to recycle.

• WIDER TRACK

As you all would have studied in class XIth Mechanics, the maximum cornering speed (v) of a car (track width 2a, Centre of gravity h) that can maneuver a turn of radius r without toppling is:

$$v = (a \cdot r \cdot g / h)^{1/2}$$

This is the reason why formula one cars are wider and lower than usual. On straights the battle in formula one racing is determined by the power of engine and brakes, but at the corners, a tiny advantage in speed makes the difference between winning and losing. At the San Marino Grand Prix, 1994 , F1 driver Ayrton Senna died when his car failed to negotiate a sharp corner and slammed into a concrete wall at around 135mph .



• LOWER CENTRE OF GRAVITY(CG)

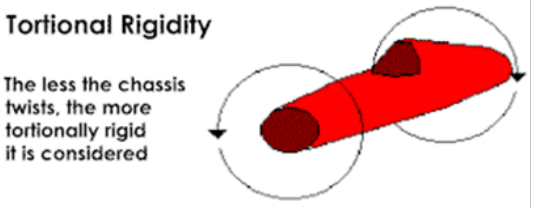
Placing an engine higher off the ground raises the CG, and forces larger amounts of weight to transfer when cornering, accelerating, or decelerating. The goal of vehicle design is to keep all four wheels planted if possible, to maximize grip, so placing all parts in the car at their lowest possible location will help lower the CG. SUVs have gained notoriety in the past few years due to accidents caused by their higher centre of gravity. There were about 90,000 SUV rollovers in 2012, in which an estimated 2500 people died.

• PLENTY OF TRIANGULATION

As seen earlier, spaceframe chassis is strong because of the inherent rigidity of the triangle.

• TORSIONAL RIGIDITY

A common shape for 1960s cars of monocoque construction was the “cigar”. The cylindrical shape helped impart something called Torsional rigidity, which is the amount of twist in the chassis accompanying suspension movement. See the diagram below.



Ideally, the chassis should be ultra-rigid, and the suspension compliant. It is important to ensure that the entire chassis supports the loads expected, and does so with very little flex.



PROFESSOR PROFILE: DR. SHREE PRAKASH SINGH

Q. Sir, we would like to know what prompted you to enter the teaching field?

As a B.Tech student, I had been very interested in doing research after completing my studies. In addition, as a student, I had faced various difficulties and issues during my undergraduate studies, which I did not want the upcoming students to face. Therefore, I soon concluded that the best way to do so would be to combine research work with teaching classes.

Q. What are the various domains of research that you have delved into?

My key area of research includes Optical Communications, more specifically on Optical Wavelength Division Multiplexed Networks.

Q. Please enlighten us about the projects for which you have provided your guidance to the students?

I recently completed an AICTE sponsored program from the Research Project Scheme with three of my students. In addition, students of the ECE department are required to take up a seminar presentation based on papers published in IEEE journals. I have also been the coordinator for the internship tie-up program between NSIT and IIT Delhi. In this program, an NSIT student from any branch can apply for summer and winter internships at IIT. They can also opt for summer courses there, for which they pay the requisite fees. Once this course is completed, the student can then opt to take up a research project at IIT itself, based on which they may be provided with a scholarship to cover the costs of the course. This project is also accepted as the necessary undergraduate research project that is a part of the course work of the college.

Q. What are the parameters based upon which you select amongst the students who approach you to seek your assistance for projects. Is any preference given to those from ECE branch?

Since most of the courses studied by COE, ECE and ICE students are the same up to the end of the 4th semester, there is no branch-based differentiation. In fact, some courses that are taught to COE & ICE students in or before the 5th semester are not covered in ECE until the 6th semester. So, basic coursework is mostly the same. However, the students must be prepared to work hard to study some of the topics which may come up

DHRUV MATHUR

Dr. Shree Prakash Singh is one of the significant faculties in the ECE division. He has been associated with NSIT for the past eight years. His attention to technical details and rigorous attitude towards studies makes him a stringent teacher. Apart from teaching, he has also been associated with hostel students as their warden. He shares his thoughts on NSIT turning into a University and other issues with us in this interview.

as part of the project itself, on their own.

Q. What are your opinions about the age old syllabus being taught at NSIT? How do you think the education methodology be modified accordingly?

The current syllabus, as defined by the University of Delhi, needs a revamp, as it has fallen behind the industry standards. For example, if there is a course that the faculty feels should be taught in the 4th semester and is present in the 6th semester, we would not be able to teach what is currently in usage in the industries in the 6th semester. The professor teaching the course can also guide the students in new fields of research. In addition, the laboratory facilities in the college do get updated from time to time and are always available for interested students.

Q. Now that NSIT has been granted the status of a University, the intake of students & the number of branches is likely to increase. How do you think it is going to affect the students as well as the teachers?

Well, to be honest, most of us teachers don't know the exact repercussions of the change of status yet. But we hope that it may lead to recruitment of more faculties, to improve the students-to-teacher ratio. However, this is just speculation, we hope for the best.

Q. A question that frequently pops up in the minds of ECE students (in particular) is the limited number of core companies visiting the college. Many as a result are swept towards non-technical fields. So what are the other equally interesting opportunities one could explore?

I think the most promising non-core fields for any engineering graduate is always marketing and data analysis. However,

the finance sector is also very promising for engineers, since their mathematics background helps in the statistical and probabilistic analysis. Speaking particularly about ECE (and to an extent ICE), the biomedical field is one which has chances for tie-ups.



Dr. Shree Prakash Singh

Q. The very idea of research sounds straining and yet, unrewarding to many students. How would you convince students here to pursue a career in research?

Research is a field that requires freedom of thought and the ability to innovate. If a student has those qualities, he or she can do very well in research. But the problem of mindset is one that stems from a person's background. If one is a conventional thinker, who prefers to get a regular job in the industry, he or she may not be cut out for the research mentality in the first place. However, the cream of the crop is asked to do research and development in the industry itself. If one wishes to do academic research as well, they would find that the freedom of thought itself gives a lot of joy.

Q. ...And even in research, most of us prefer to go abroad, rather than staying in India. What is your take in this regard?

I feel that for research work to be productive, various factors are a necessity- a good institute, a good research environment, need for research groups with people of different disciplines working together. Such conditions are very hard to find in India. One finds few examples of such conditions being available outside the IITs, IISc. and a few other top institutes. So, if the student wants to go abroad to do his research, that should not be taken as a problem. However, after doing his research work, he should come back to India to implement it,

the younger generation, rather all of us, for that matter, owe a lot to this country.

Q. You teach the subject 'Communication Systems', which is considered as one of the toughest subjects among the students. What kind of response do you receive? What advice would you give to the students for this particular subject?

Well, I must confess, I do get disappointed by the response given by the 7th and 8th semester students sometimes. These students often feel that since the placements are already over, they do not need to work as hard. To them, the only advice I can give is to keep working hard.

Q. You are the warden of the first-year hostel as well. How has the experience been? Any changes you want to implement in the upcoming years?

A. It has been a very good experience for me as hostel warden. The interaction with new engineering students has always been mostly positive. Of course, there are always some troublemakers, but in general, the students are well behaved and bright.

As for the changes, there are already some occurring, such as the new website for the Ramanujan Hostel, which gives all the details regarding it, including admission procedure & the various events for hostellers. There is soon going to be a gym set up, hopefully by this year. But, major changes that are necessary in the hostel are:

- Better quality & supply of water;
 - Power backup, especially during hot summers;
 - A sensitization program for students against the abuse of alcohol & drugs
- The last point, in particular, is one that I feel should be implemented across the whole college, not just in the hostels, since it is a rising problem in today's world, and it could possibly be nipped in the bud right here in college. For this, we also need a better interaction between the hostel warden/ college administration & the parents of the students.

Q. A few words of advice for NSITians...

A. I think the most important advice is that the student shouldn't let his or her individuality be lost under any circumstances. They should identify their interests and strengths, and pursue them. If every NSITian follows this philosophy, he will always succeed.

SHUBHAM PRAKHAR : THE CHILD PRODIGY

1. Please, tell us about the NEST scholarship.

Nationwide Education and Scholarship Test (NEST), is usually organized in January, every year. The test has five different sections – Technical Aptitude, Mathematics, Verbal Aptitude, Logical Reasoning and General Knowledge. There are 200 questions, which are to be attempted in two hours. The top 10 in the country are eligible for the scholarship, and, having ranked 10th, I was fortunate enough to make it.

2. How should a normal NSITian go ahead with the exam? What is the key to crack it? Hard work or the grey cells.

The only section that I think an average NSITian can work on is Mathematics, wherein if you are in touch with your engineering mathematics you stand a very good chance of scoring well. I will not say Technical Aptitude is easy to manage, as it is pretty much an accumulation of all the 4 years of engineering and it is quite difficult to prepare that section for such an exam in 1 or 2 months. The other sections are dependent on how well read and aware you are of the world affairs.

3. You have famously been the India's Child Genius, Pogo TV quiz runner up and regarded as one of the better

KRISHAN KUMAR SINGH

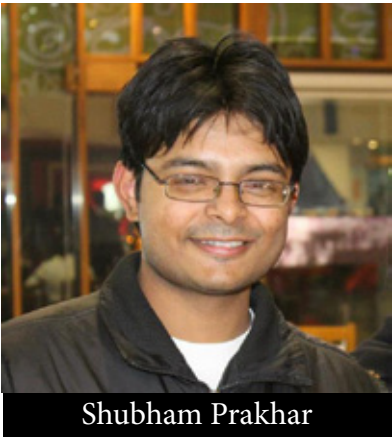
Shubham Prakhara, a student of Instrumentation and Control Engineering, Class of 2014, has made the college feel proud after securing 10th position in the coveted Nationwide Education and Scholarship test.

An avid quizzing, Shubham was a child prodigy. He won the television quiz show 'India's Child Genius' back in 2004, thus earning the title of India's smartest kid.

quizzers in the Delhi circuit. What keeps igniting the hunger to win more?

I feel the passion is crucial to have. However, it is not the passion to win. The passion is to do well. As long as you are pursuing your passion, winning or losing can take a backseat. Quizzing has been my calling for as long as I can remember, but I do not win all the time. You win some, you lose some. What do you then? You learn from the loss. You enjoy the process. At the end of the day, you are richer for all that experience.

4. Since, quizzing is one of your greatest virtues; do you aspire to make a career in it? If not, then what?



Shubham Prakhara

I would not say that quizzing is my greatest virtue. There are a couple of other things, which I rather pride myself on. Having said that, yes it has definitely been one of the most rewarding until now. I have always wanted to start a quizzing company. Nevertheless, a career in quizzing is a little difficult to sustain. In any case, there is some time for that. I guess, we will have to wait and see where it goes from there.

5. Do you wish to give any advice to your fellow NSITians?

Many. But, to mention a few. Please stop building your CVs and start building yourself. This is especially applicable to

those in the 2nd and 3rd years. I have seen many people do things just for the sake of adding a bullet point or two in their resume. Please do things that you believe in. Believe me, and then its value will be greater than hundreds of half-hearted bullet points.

If your grades are not good, improve them, while you can. There is just no getting around it. It will come to bite you in the back, if it has not up till now. At the same time, it is important to distinguish between what is in your control and what is not. The future semesters are; what has happened already is not. Try to maintain a good grade. But, don't become a bookworm, either. It is a fine balance to strike and only you can tune yourself to it. After all, what you learn in class is just a headshake for all the learning outside of class.

Also, I have noticed an increasing tendency in every batch to criticize the college and its infrastructure. It is supposedly cool to do that. Maybe, it is time to realise that this is what your college is and you are a part of it, and, if you are not doing something to make it better, you might as well come to terms with the state of affairs and like it bear it, if not like it.



Shadow of the Convener : The BEL Conference story

KRISHAN KUMAR SINGH

Timeline: BEL Conference Story

Days left	Convener Speaks
90	Initial preparations have started for the fourth TEDx event at NSIT. We are planning an orientation after the midsems followed by team recruitment. Our goals are clear and intelligible – form a motivated team, strive to get excellent speakers and ultimately, deliver an exuberant conference.
15	The spirit of X is ubiquitous within the college boundaries. It has been a challenging process of short-listing the speakers and then contacting them. This TEDx conference is going to be amazing.
10	Unfortunately, it seems like that some licensing issues, which if exacerbate, may even lead to no TEDxNSIT 2013. TED needs some more time to process our application concerning some compliance issues.
07	No TEDxNSIT this time. For a moment, it felt like all our efforts have gone in vain. The situation is intimidating, but we are motivated to pull it off as an independent event.
05	Cheers! The conference is rechristened from TEDxNSIT to BEL Talks.
03	The new website is ready. College societies have come forward to collaborate. Looks like that tasks which appeared cumbersome in the beginning are turning out to be manageable with our consistent efforts.
02	This time we have a better sound system, HD Video recording, LED backlights, and an awesome backstage design for the main auditorium.
01	All the speakers have confirmed their participation. Additionally, negotiations with our benevolent food partners, KFC and Pind Balluchi, have resulted in making food coupons cheaper to Rs. 50/-.

The Journalist’s account: BEL Conference 2013

“What’s there in a name? A rose by any other name would smell as sweet.”

We would have whole-heartedly agreed with this Shakespearean adage after attending the BEL conference. Filled with content, most of us had something of value to take away, intangible yet priceless.

Unlike TEDxNSIT, BEL that stands for Believe, Express, and Live, isn’t a part of some global set of conferences. Nonetheless, it is equitable in spirit, inspiring us to learn and express our profundity across the world.

The Conference, which was held in the intellectual ambience of a jam-packed Main Auditorium (this is a rarity in itself for a non-cultural event), began with the talk over Criminal laws, specifically related to post-December modifications in the Indian Penal Code over sexual offences, by Dr. Mrinal Satish, an Associate Professor at NLU, Delhi.

The tea break was preceded by the charismatic talk from Dr. Kiran Seth, who with his simple yet elegant philosophies of life and music, mesmerized us.

Soon after the break, we experienced yet another spectacular figure, an eminent Kathak performer, Dr. Shovana Narayan. She articulated the intricacies of life with various dance forms, thus, truly justifying the spirit of BEL.

“Dream big, but keep it to yourself,” was the mantra of Saurav Ghoshal, top ranked Indian Squash player who took the centre stage next. He talked about how he took the leap of faith and chose the path less treaded. The conference concluded with inspiring words from a former French teacher at NSIT, Yassine Ban Yaakoub.

#BEL- Believe. Express. Live.

Lessons to learn from the convener

When the going gets tough, the tough get going.

This event, which underwent a state of turmoil in the midst, was made possible by firm dedication in an all-new avatar. Regardless to say, it went on to become one of the finest events in this academic session.

When you have a dedicated team, success is not just an idiosyncrasy.

Good teams are not those with large numbers of roaring sheep and a few don-keys. Instead, the concept of team spirit revolves around the principles of mutual respect and egalitarianism.

When you are valiant, funds or admin will never be a hurdle.

Since five television channels were airing the conference, it became a prestige issue for NSIT as well. The college administration was gracious enough to ensure that all the paperwork was executed in a single day. Unbelievably, more than 10 rounds of signatures were completed in a period of 4 hours.

When you fall in between, do not lament. Instead, search for a better path.

For critics, the loss of TEDx brand might have taken away some sheen from the event. However, the change did come along with some virtues associated with it. Apart from granting more autonomy to the organizers, it meant lifting restrictions over time limits and interjections for the speakers.

With inputs from – Vikram Juneja, Rahul Dhingra, Shivangi Saxena, and Gaurav Gupta

One for the readers

IRA SAXENA

Blogging is expanding by the second and the word on the street is that we, NSITians have our own exclusive space for laying bare the writer in us, all thanks to Artickly, an online magazine cum blogosphere.

Founded by Harshit, Pratyush and Kartik (COE, Batch of 2015), Artickly is a one of a kind initiative taken up by the students of NSIT. Unlike a lot of other societies, Artickly isn’t NSIT-centric, instead it is diverse, eclectic and versatile.

Click open their website and you’ll find a trendy and dynamic homepage beckoning you into a world outside the ennui of an engineering college. It is almost like flipping through the pages of Brunch, only more chic and customized to suit the taste of

college students.

With a different theme every weekend, Artickly is upbeat and will always leave the readers anticipating for the next post. Be it music, sports or just a profound, thought-provoking piece, there isn’t any genre untouched by them. Once discovered, it’s hard not to be in awe of the wide range of content that it offers. And the designing is top-notch too. Kudos to the web-designing team headed by Gaurav Gupta (COE, batch of 2015).



So how does Artickly work? The team primarily consists of the founding members and other second years who contribute on a regular basis, but the good news is that anyone outside the Artickly family can send in their articles and contribute to it, sans the nail-biting apprehension of being judged (read no editing). Leave the feedback to the readers, they say.

It is a brilliant platform for blooming and aspiring bloggers/writers to explore different genres and evolve. So blaze away with-

out any inhibitions.

Interestingly, the founders too have no inhibitions about the direction they want to take Artickly in.

They want it to be the next level of intellect driven social networking. Something along the lines of Quora, they’d like NSITians to vote on their favorite columns and contribute too. This could be a great meeting point for all of us. Meanwhile, as we let the chips fall in their place and wait for their vision to take form, don’t hesitate to indulge in some Artickly this weekend and brace your selves for some fantastic reads. Give them a visit [here](#). Get clicking!



Simon and Garfunkel

IRA SAXENA

The quintessentially American, 60s folk-rock duo, Simon and Garfunkel is reminiscent of the grandeur of the 60s, the surging pop-culture and of course tales of spurned lovers and mid-life crisis hit women luring young graduates (read Mrs. Robinson). They revolutionized guitar music and gave the humble acoustic guitar a whole new status.

Started by childhood friends, Paul Frederic Simon and Arthur Ira Garfunkel as ‘Tom and Jerry’, they released a couple of records but didn’t get the recognition they wanted and soon parted ways only to return years later as ‘Simon and Garfunkel’.

Their first album, ‘Wednesday Morning, 3 A.M.’ bombed and didn’t receive great reviews. They mostly constituted Simon’s earlier works. Although, one particular song, ‘The Sound Of Silence’, their claim to fame, caught the attention of quite a few people in the industry and was requested often by a lot of listeners on radio. It quickly climbed the charts and paved way for folk-rock.

Their second album, ‘Sound of Silence’ released in 1966, was well-received. Apart from the haunting, gorgeous re-worked title track, songs like the understated love-ballad, ‘Kathy’s Song’, the pleasant ‘April Come She Will’ and the pop-rocker, ‘I’m a rock’ where we see how emotions like loneliness and isolation often pervade their songs; this album will convince you of their lyrical mastery.

Since their music often bordered on classical music, it only sounded right when they beautifully recaptured the traditional folk

song, ‘Scarborough Fair’ on ‘Parsley, Sage Rosemary and Thyme’. The poetic lyrics coupled with Garfunkel’s subdued yet angelic vocals make this song a master-piece and in my opinion, the greatest single in the album and otherwise.

Now you may think that you’ve heard all there is to them, but, ‘Bookends’, their fourth album, showed the audience a whole other side to them. This one was more mature and ambitious. ‘Mrs. Rob-



inson’, is upbeat and takes you back to Dustin Hoffman’s Graduate, which was centered on a certain Mrs. Robinson. This album also features two all-time favorite classics (America, Old Friends). America, led by Garfunkel’s magnificent vocals and Simon’s fingers making magic on the guitar is a nation’s voice soaring to re-discover America. The words say it all:

‘ “Kathy,” I said as we boarded a Greyhound in Pittsburgh
“Michigan seems like a dream to me now”
It took me four days to hitchhike from Saginaw
I’ve gone to look for America.’

The latter, a song serenading friendship and loyalty, belies their somewhat rocky and volatile friendship. Yes, all wasn’t well between the two. Their journey as a duo was characterized by frequent break-ups and hiatuses, which brings us now to their fifth album, ‘Bridge Over Troubled Water’.

The title track was a commercial as well as a critical success. Influenced by gospel music, ‘Bridge over Troubled Water’ is soul rendering and Garfunkel’s voice lends it the tone of sincerity and maturity which it needs. ‘Cecilia’ on the other hand is a light, peppy, folksy song about a distraught lover trying hard to win Cecilia’s affection. ‘El Condor Pasa’ and ‘Boxer’ too are typical Simon & Garfunkel numbers, which sound a lot like their earlier compilations.

What’s noteworthy here is the fact that despite being produced under a lot of tension and constraints, it was their most successful and highest-selling album till date. But it was also their last studio album. Released in 1970, it marks the end of the ‘Golden era’ of music. And with this, the curtain closes.

It was a time of love, laughter and innocence. A time when virtues like honestly and loyalty really mattered. It was a time when the surreal was no more considered crazy. It was a time of change. The world was turning. And their music was just another cog in the wheel set into motion.

Summer Funk

Grab a can of coke, a bag full of crisps, team up with your favorite pals and turn the volume on because your summer just got merrier. Here are the top 5 albums to watch out for this season.

1) Daft Punk - Random Access Memories: No introduction needed here. “Get lucky” has been making a buzz all summer and is definitely the hippest song of this season. While the rest of the album fares well too, check out Julian Casablancas on “Instant Crush”.

2) Vampire Weekend-Modern Vampires of the City: The days of ‘Oxford Comma’ and ‘Horchata’ are long over. The boys have grown and so has their music. “Diane Young” and “Obvious Bicycle” is the toast of the town now.

3) Black Sabbath-13: It is heavy, dark and obscenely loud. The “Prince of Darkness” and his boys are back making the music they are good at. So for all you metal-heads out there, let the head-banging begin.

4) Yeah Yeah Yeahs-Mosquito: No summer is complete without its share of alternative music. Get ready to be swept off your feet with “Mosquito” and “Sacrilege”. The Yeah Yeah Yeahs do it again. Spot on.

5) The Beady Eye-BE: This isn’t Liam Gallagher’s best work, but songs like ‘Start Anew’ and ‘Flick of the Finger’ will make you beg for the Oasis to reunite. And as the Beatles say, “Get back to where you once belonged”.

Procrastinator Tales

SHIVANGI SAXENA

The ‘highs’ and lows of college life bring forth the ‘Procrastinator’ that resides in each one of us.

So, before we begin our carnage and denounce ‘Procrastinator’ as the one responsible for our miserable life, let’s look into his/her mind:

Phase 1: Work is assigned

The professor has enunciated the pious word called ‘Assignment’. While the front row students clutch their pens dearly and write their heart out, you are busy guffawing on a non-veg joke. Or achieving glory in the realms of Temple Run. Or busy checking out the Facebook profile of your friend’s ex-girlfriend. (You ain’t that cool :P). You saunter downstairs only to see a heated club meeting going on. You squint your eyes to see if it’s your club. It ain’t. SWAG mode still On. You move to canteen but are bereft of luck as your club meeting is happening there. You swear and paste a smile and greet them. You compliment them. Still, you are assigned work. Such is life.

Phase 2: Ignorance

You are living in complete oblivion. That to-do list has bitten the dust. The morning jog has been sacrificed because:
In summers- it is too hot.
In winters- It is too cold.
In rains- The weather is awesome, why ruin it with your sweat smell?
Any other day- You are beautiful the way you are. Don’t ruin it. That is what your mother and John Mayor told you.
You wake up late and bask in your awesomeness. You miss breakfast because vanity comes before food. Atleast before mess food. You reach class. You mistakenly paid attention for 3 minutes. You decide that it is enough for today and convince your friends for a mass bunk. At 11:30. Life is too precious to study microwave, you

decide. You go to hostel and take a nap because the day drained you of all your energies. You wake up and decide that your gastronomical love for Murthal ke Parathe is compelling you to drive. You gang up and hit Murthal. Epiphany: Parathas and Beer are the true meaning of life. You pass out.

Phase 3 : Submission nearing close

You are once again caught in the myriad of classes and fests and society work and other work which you don’t remember. You survive by keeping that latest song that you just heard looping forever like some goddamn C variable value. You are better than before. More energy. More blood in your body than alcohol.

You decide to approach the front row seat grabbers and try to initiate small talk. You give up as they are neither interested in ‘How I met your mother’ or that non-veg joke. You come straight to the point and ask how the assignment is to be conquered. They feign ignorance and execute the perfectly choreographed sequence where they pretend to be dumber than lab monkeys. You have had enough. You paste a smile and take a leave.

You encounter your society senior. You assure that the work is in full throttle and you’ll ping him in case of ‘doubts’. The senior is satisfied. You tell that non-veg joke. Everything looks promising.

You return to hostel and sit on Facebook chat throughout the night trying to convince your douchebag friend to come to visit you. You stalk, argue, stalk more and realize that you are addicted to Quora. You ditch that friend and read neuroscience, anthropology, Gandhi’s assassina-

tion, marketing maneuvers and other fancy stuff.

Phase 4: 1 day before the Deadline

You wake up. Drown yourself in body spray. Kill 36264 insects and induce coughing fits to your roomies. You reach the classroom and see the Tier 2 studious students borrowing assignments from the Tier 1 studious students. You denounce this skullduggery and proclaim that you’ll do the assignment yourself.

The society senior and fest senior are texting you asking about work. You are still optimistic and send reassuring replies. You get back to hostel. You declare that night to be the night of abstinence. You are charged up and willing to sacrifice yourself to the cause of assignments, society work, fests and other work you don’t remember. You decide to give yourself a break before you start. You watch episodes you have watched. You listen to that song which has been looping forever. You celebrate your hostel mate’s birthday and engage in wild dance sessions. You realize that your break stretched long.

Phase 5 : Few hours before deadline

You start. You dust your books and remove cobwebs. You visit the Facebook group and mercilessly abuse the scroll button to see the minutes of meeting to see what task was assigned to you. You know you are fucked. You go to the dance party.

THE END

1. There is no Phase 6 as the deadline was probably extended or the work was executed using ungodly means.
2. This article was written in May but

was sent to the editor in mid-June as the author,

- a) Forgot the name of the article
- b) Forgot there was an article
- c) Forgot to send the article back after making changes suggested by the editor

References:

pro•cras ti•na tor n.

A ‘Procrastinator’ is someone who has demolished every to-do list. His presence is acknowledged by every person who ever owned a machine marvel called ‘computer’. Heck, even Neanderthals knew about the existence of this unprincipled genius. That is why you see more cave paintings of them dancing rather than accomplishing life-saving tasks like getting food on the table.

The cartoon for this article failed to arrive on time for the edition. Honestly.



What went wrong?

One of the NSITians felt greatly for the glitches that have been occurring during our annual cultural fest Moksha for some years, and saw Alliance to be a platform through which our shortcomings as hosts can be highlighted and brought to the notice of the past and potential organizing team of the future. Here is what s/he has to say.

Scenario: Hustle bustle everywhere. Frantic fourth years run to and fro, like a pendulum across the admin, a file in one hand, event schedule in the other and handset somehow clutched tight between the ear and the shoulder. Upon close observation one can notice tensed creases on their foreheads. Flummoxed at the last minute (or probably ‘shocked’ is the right word?), the Moksha’13 core team is agitated and baffled.

Yes, this is precisely what the picture had been at the admin on the second day of Moksha’13. On the face of it, Moksha’13 was a success. At least for the first and second years, owing to the fact that the former had never witnessed a college fest before and the latter have a rather unpleasant memory of their first inter-college cultural fest. While the core team toiled hard to make Moksha’13 a fest to remember, even when the preparations started almost a month (or just two and a half weeks to be precise) before the time slated for the same, yet, amidst all the glee, gaiety and bliss, Moksha’13 earned a little notoriety as well, though most of it is accredited to the glitches of last year. Here is how:

• Amongst the hardworking core team members, who burn the midnight oil to make the college fest memorable for all of us, sit those leaders of the nation that work with as much dedication as the many 80-year old fossils sitting in the Parliament. These, though few in number, are the people, who care more about adding many a burgers and pizzas to

their already bulging out beer belly (yeah, at the age of 23, they have a beer belly, or maybe, will soon have one), rather than adding some glitz to the fest with the green paper they garner from the sponsors. So, all expectations of the sponsors and the winners go down the drain. Participants and winners come all bubbled and charged up with the zeal to win, and go back equally flushed, not with elation, but with anger and frustration, pledging never to come back again. Here is NSIT short of another team for the next fest.

• Then there is the college crowd, the cool and cultured crowd, for whom the art of theatre, or the stage plays by different colleges is too bourgeois and gauche. How could one expect that we, the people of NSIT not applaud, acknowledge and appreciate the achievement of India’s sports idol, Sachin Tendulkar, as he hits his cent century? After all, he is our god. So what if we are sitting in a hall full of spectators, watching a well-practiced play by a guest-college in our auditorium? The onus of letting everyone know about the great achievement of our sports deity is on us, even if that means that we have

to shout and let our voice be heard in that very hall, in the middle of a play. A boring Shakespearean play can always wait. In fact, it can very well stop staging and might as well get off the stage. It’s Sachin that we worship, not Shakespeare.

• And when the winners of mega events call up our devoted leaders, the very leaders who are like the fossils of the Parliament, it is obvious that they (the winners) would be denied what’s not theirs. It’s one thing to be refused for the prize money sheepishly, but what a pest they are! The team had to be downright outrageous at them! Do they know that the team is in the middle of an after-Moksha-party?

• So, a society has resurfaced after a long slumber and what’s more, it is hailed and looked up to by the rest of the college. They had audiences almost swooning at their talent when they performed for the first time. Of course, they are the demand of the college and it would have been very disappointing if they had not performed. Sadly, a guest-college, lined up to stage its play had to go. Dear college, we are so sorry for your unfortunate loss.

Well the list might go on, but neither do I intend to, nor do I have to further elucidate on the matter for everyone to guess what might have happened that led to the last minute back-out of all the teams participating in Mudra, and the subsequent scrapping of the same. It’s for the team, the potential teams of the future, and the NSIT audience to contemplate and decide.

The team definitely did pull off Moksha’13 very well and we cannot turn a blind eye on it, given the fact that the team made Moksha happen even at such a short notice. It takes a lot of grit and patience to come this far. So, why let such things happen that pull it back to where it started from? Not to forget that it’s the team as a whole that gets all the back pats as well as the condemnations. Why, it’s the whole college for that matter that is famed or defamed. The team... sorry, the **college** owes an apology to everyone that has left NSIT with disappointment or discontent at Moksha’13. This is the last chance to at least begin to set things right.

DISCLAIMER:
This article is not a product of any Alliance member, neither does Alliance approve/disapprove/encourage/discourage any point mentioned in the article.

The writer absolves the hard work put in by the Moksha Team and aims to bring to its notice that we all owe an apology to the colleges that carry an obnoxious impression of our college owing to our mis-steps.



ANONYMOUS
We are Legion.
We do not forgive.
We do not forget.

Home to the peak of the world

DEEPSHIKHA ACHARYA



The towering presence of Mt. Everest, the rich stories of inception in Patan, the serenity of Swayambhunath, the piety of Pashupatinath, no wonder Kathmandu City has its hands full with tourists all around the year. As you make your way through the city, the old-world charm amazingly blending with modern ideas seems to win the traveler in you completely. Struggling to keep a stable governance system since the ousting of King Gyanendra, the ‘on its way to development’ of tumultuous Nepal, too, has its own charms.

Nepal was founded on 3 constituent valleys, each of whose existence is intricately linked to India. Patan City Square is the ideal place to start one’s excavation into the country’s past. It holds numerous anecdotes, a rich history and the remains of a time of grandeur. Best explored on foot, the narrow lanes leading you to the interiors (from the city square) hold breath-taking paintings and intricate carvings. A must see for any travel or art enthusiast.

Swayambhunath houses the 2000

year old Buddhist stupa and its sheer enormity and architecture is amazing. Pashupatinath on the other hand is probably the most famous Hindu Shiv temple (its popularity leads to never ending queues at every juncture). Its sprawling campus, numerous shrines situated in it, the architecture, all a must watch, be religion your piece of cake or not.

Numerous private airlines ferry tourists for a round trip to the Mt. Everest from Kathmandu City, but pre-bookings for the same are an absolute necessity. For the not-so-interested-to-be-up-there, any tour guide or cab driver would point out the summit from the City.

Be it food, culture, tradition or language, Kathmandu is almost a ‘mini-India’ with a differing preface. No wonder Indians don’t fall under the tourist category there! From five-star hotels to roadside shanties, from high end dining to street food, from malls to flea markets, from the scorching sun of the plains to the numbing chill on the mountains, from BMWs to Maruti 800 taxis, from meager livelihoods to the royal splendor - Nepal has it all and much more!

Quick smart travel bulletin

1. Check up from local people about all the impending ‘bandhs’, because if you are caught unaware in one, you are pretty much stranded till it lasts.
2. An umbrella should be a constant part of your bag-pack, it rains quite often, without any warnings!
3. Get a local SIM card. None of the major Indian carriers like Airtel, Vodafone, Idea work there.
4. Don’t expect lip-smacking local cuisine as the local produce is not very rich owing to the mountain climate.
5. Do not use any perks/public services marked for tourists. Indians are not considered tourists and are snubbed if doing so.
6. Local markets are a must visit.

BON VOYAGE!





What are the most difficult things people have to learn in their twenties?

Brendon Chu
4267 upvotes by Quora community

DIGEST

1. There are always going to be people who are smarter, better looking, more sociable, and just all around “better” than you. In fact, you’ll learn there are LOTS of people who fit that description. *To be happy, then, you have to learn to accept yourself and your shortcomings.*

2. Success does indeed come from hard work. Hard work without talent doesn’t

ensure success, but talent without hard work ensures *mediocrity*.

3. It’s unlikely you’ll become anything close to your wildest ambitions, simply because you’ll learn everyone has big ambitions, and there’s only so many slots in this world.

4. Idealism aside, *money = opportunity* and therefore, matters. Relationships and power matter more.

5. Friendship isn’t forever. Social and economic status does create divides and strains in even the oldest relationships.

6. Your parent(s) basically gave up their freedom to raise you, and deserve a medal. You know this because with only one job on your plate, you already have no time.

7. Adult life is about learning to live with ambiguity. Remember when you thought you’d have it all sorted out by 30? No.

Whether it be your career, your relationships or your beliefs, you will always question whether you are making the right choices and will have to deal with regret.

8. Metabolism slows. Make the most of this phase of your life.

DISCLAIMER : This is an answer adapted directly from Brandon Chu’s answer to the question, which can be found in its original form at <http://goo.gl/0gWWm>.

NSIT Chronicle

“Nothing is ever really lost to us as long as we remember it.”
- L.M. Montgomery

It is these cherished memories about our days in college that are archived in the recently launched website- NSIT Chronicle. Be it your first college night-out, your first treat, first class bunk or any special moment that you would like to remember and share, NSIT Chronicle gives you the opportunity to do so. Blogs, Q&A, pictures, alumni speak - this amazing website is a treasure trove of memories and a ‘chronicle’ of life at NSIT.

Let the ‘best days of your lives’ be remembered, cherished and shared!



<http://nsit-chronicle.collegespace.in>

From NSIT to Grad School



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Naman Jain, COE
Anshuman Sachan, ICE



Ankita Aggarwal, COE
Veeresh Goswami, IT
Avni Jain, ECE
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Shanjit Singh Jajmann, ECE
Varun Sridhar, ECE
Pranay Sahay, ECE



Shifali Gupta, IT
Ashima Arora, IT

Quiz Club Collaboration

Once upon a time there lived a genius. Some called him a poet, some called him an inventor. Others called him a mystic, some a chronicler. His contribution to sub-continental culture was immense as was his faculty with languages. He remains, to this day, at his master’s feet. Who are we talking about?

For more interesting questions, log onto the blog of the NSIT Quiz Club: <https://nsit-qc.blogspot.in>

CSI-NSIT Collaboration

Time to test your brains.
Given - 2 non-uniform ropes and a lighter.
If a rope is ignited from one end, it take 60 minutes to burn. If ignited from both the ends, it takes only 30 minutes to burn.
Find a way to determine, when 45 minutes are over.
Please mail your answers to csi@nsitonline.in

Junoon - Photography Club Collaboration

Identify this place in NSIT.



<https://www.facebook.com/junoon.nsit>

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